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**FAX TRANSMISSION      SEPTEMBER 22, 2006**

**TO:** Commissioner for  
Patents  
Attn: MS Amendment  
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Washington, D.C. 20231      **FROM:** DOUGLAS P. MUELLER  
  
**OUR REF:** 10873.1910USWO  
**TELEPHONE:** (612) 455.3800

Total pages, including cover letter: 25

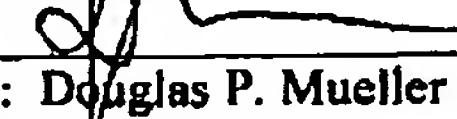
PTO FAX NUMBER: 571.273.8300 (Patent Central Fax No.)

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Documents transmitted: **SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT, FORM 1449, 4 REFERENCES**

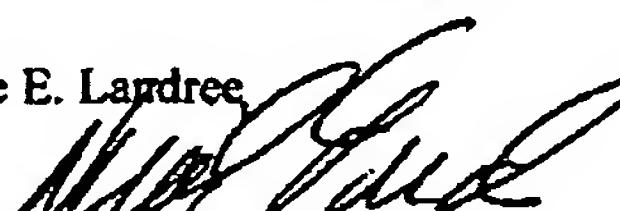
Applicant: YOSHIDA et al.  
Serial No.: 10/584,478  
App. Filed: June 23, 2006  
Group Art No.: unknown

Please charge any additional fees or credit overpayment to deposit account 50-8478.  
Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient  
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By:   
Name: Douglas P. Mueller  
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I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark  
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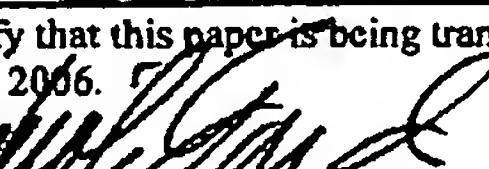
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	YOSHIDA et al.	Examiner:	Unknown
Serial No.:	10/584478	Group Art Unit:	Unknown
Filed:	June 23, 2006	Docket:	10873.1910USWO
Title:	HEAT EXCHANGER, METHOD FOR MANUFACTURING THE SAME, AND HEART-LUNG MACHINE		

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on SEPTEMBER 22, 2006.

By:   
Name: NICOLE LANDREE

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. Copies of any foreign patent documents or "Other Documents" are enclosed.

An English abstract is now provided for JP 6-86811 which was previously submitted in an IDS.

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

- (1) within three (3) months of the Filing Date, before the mailing date of a First Office Action on the merits, or before the mailing date of a First Office Action on the merits after the filing of a request for continued examination under 37 C.F.R. §1.114; or
- (2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and
  - the requisite Statement is below, OR
  - the requisite fee of \$180.00 under Rule 1.17(p) is included herein, or
- (3) after the mailing date of a Final Rejection or Notice of Allowance but on or before the payment of the Issue Fee, AND

- the requisite Statement is below, AND
- the requisite fee of \$180.00 under Rule 1.17(p) is included herein.

### STATEMENT

As required under §1.97(e), Applicants hereby state either that:

- 1. Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
- 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the Information Disclosure Statement.
- If this box is checked, Applicant provides the following:

#### Certification Under 37 C.F.R. §1.704(d)

In accordance with 37 C.F.R. §1.704(d), the undersigned hereby certifies that each item listed on the enclosed Form 1449 was first cited in a communication from a foreign patent office in a counterpart application, and that this communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty (30) days prior to the filing of this Information Disclosure Statement.

- The Examiner is hereby advised of the following co-pending U.S. applications. A copy of each U.S. patent application publication (if published) or application (if not published) is enclosed.

Application No.

Filing Date

Group

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

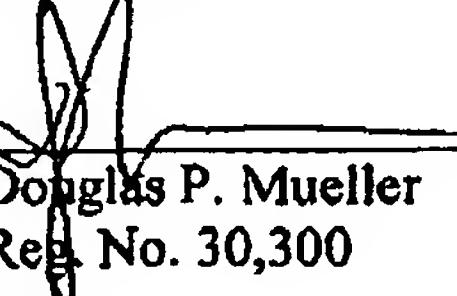
**FEE AUTHORIZATION**

Should any fee associated with the submission of this paper not be attached hereto as a check, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 50-3478. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.  
Post Office Box 2902  
Minneapolis, MN 55402-0902  
(612) 455-3800

Dated: SEPTEMBER 22, 2006

By:   
Douglas P. Mueller  
Reg. No. 30,300

DPM:nel

Date Mailed: SEPTEMBER 22, 2006

Sheet 1 of 1

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>			Docket Number: 10873.1910USWO	Application Number: 10/584,478
			Applicant: YOSHIDA et al.	
			Filing Date: JUNE 23, 2006	Group Art Unit: UNKNOWN
(Use several sheets if necessary)				

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,030,540	6.21.1977	Roma			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
	6-86811	29.3.94	JAPAN			Abstract
	63-77053	21.5.88	JAPAN			Partial
	11-47269	23.2.99	JAPAN			Abstract
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
		Affinity NT Oxygenator", Medtronic, 2000, U.S.				



EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	